

09cd 04-18-01

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OIPE

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/811,094  
DATE: 04/05/2001  
TIME: 12:07:58

Input Set : A:\420d4.app.txt  
Output Set: N:\CRF3\04052001\I811094.raw

ENTERED

4 <110> APPLICANT: Anderson, Christen M.  
5 Davis, Robert E.  
6 Clevenger, William  
7 Wiley, Sandra Eileen  
8 Willer, Scott W.  
9 Szabo, Tomas R.  
10 Ghosh, Soumitra S.  
11 Moos, Walter H.  
12 Pei, Yazhong  
14 <120> TITLE OF INVENTION: PRODUCTION OF ADENINE NUCLEOTIDE TRANSLOCATOR (ANT),  
15 NOVEL ANT LIGANDS AND SCREENING ASSAYS THEREFOR  
17 <130> FILE REFERENCE: 660088.420D4  
C--> 19 <140> CURRENT APPLICATION NUMBER: US/09/811,094  
20 <141> CURRENT FILING DATE: 2001-03-14  
22 <160> NUMBER OF SEQ ID NOS: 37  
24 <170> SOFTWARE: FastSEQ for Windows Version 3.0  
26 <210> SEQ ID NO: 1  
27 <211> LENGTH: 894  
28 <212> TYPE: DNA  
29 <213> ORGANISM: Homo sapien  
31 <400> SEQUENCE: 1  
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33 gtctccaaga cgcggtgcgc ccccatcgag agggctcaaac tgctgctgca ggtccagcat 120  
34 gccagcaaac agatcagtg cagagaagcag tacaaaggga tcattgattg tgtggtgaga 180  
35 atccctaagg agcagggtct cctctctctt tggaggggta acctggccaa cgtgatccgt 240  
36 tacttcccca cccaagctct caacttcgcc ttcaaggaca agtacaagca gctcttctta 300  
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38 ggggccgctg gggccacctc cctttgcttt gtctaccgcg tggactttgc taggaccagg 420  
39 ttggctgctg atgtgggcag gcgcgcccag cgtgagttcc atgggtctgg cgactgtatc 480  
40 atcaagatct tcaagtctga tggcctgagg gggctctacc agggtttcaa cgtctctgtc 540  
41 caaggcatca ttatctatag agctgcctac ttcggagtct atgatactgc caaggggatg 600  
42 ctgcctgacc ccaagaacgt gcacattttt gtgagctgga tgattgcccc gagtgtgacg 660  
43 gcagtcgcag ggctgctgtc ctaccctttt gacactgttc gtcgtagaat gatgatgcag 720  
44 tccggccgga aaggggccga tattatgtac acggggacag ttgactgctg gaggaagatt 780  
45 gcaaaagacg aaggagccaa ggcctctctc aaaggtgcct ggtccaatgt gctgagaggg 840  
46 atgggcgggtg cttttgtatt ggtgtgtat gatgagatca aaaaatatgt ctaa 894  
48 <210> SEQ ID NO: 2  
49 <211> LENGTH: 897  
50 <212> TYPE: DNA  
51 <213> ORGANISM: Homo sapien  
53 <400> SEQUENCE: 2  
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55 atctccaaga cggcggtagc gcccatcgag cgggtcaagc tgctgctgca ggtgcagcat 120  
56 gccagcaagc agatcactgc agataagcaa tacaaaggca ttatagactg cgtgggtccgt 180  
57 attcccaagg agcaggaagt tctgtccttc tggcgcggta acctggccaa tgatcatcaga 240  
58 tacttcccca cccaggctct taacttcgcc ttcaaagata aatacaagca gatcttctctg 300  
59 ggtggtgtgg acaagagaac ccagttttgg cgctactttg cagggaatct ggcacgagg 360

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60 ggtgcccag gggccacatc cctgtgtttt gtgtaccctc ttgattttgc cgtaccctgt 420
61 ctacgagctg atgtgggtaa agctggagct gaaagggaaat tccgaggcct cgtgactgc 480
62 ctggttaaga tctacaaatc tgatgggatt aagggcctgt accaaggctt taacgtgtct 540
63 gtgcagggtg ttatcatcta ccgagccgcc tacttcggta tctatgacac tgcaaaggga 600
64 atgcttccgg atcccaagaa cactcacatc gtcacagct ggatgatcgc acagactgtc 660
65 actgctgttg ccgggttgac ttcctatcca ttgacaccg ttcgcccgcg catgatgatg 720
66 cagtcagggc gcaaaggaa tgacatcatg tacacaggca cgcttgactg ctggcggaag 780
67 attgctcgtg atgaaggagg caaagctttt ttcaagggtg catggtccaa tgttctcaga 840
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77 atctccaaga cggccgtggc tccgatcgag cgggtcaagc tgctgctgca ggtccagcac 120
78 gccagcaagc agatcgccgc cgacaaggca tcaagggca tcgtggactg cattgtccgc 180
79 atcccccaag agcagggcgt gctgtccttc tggaggggca accttgccaa cgtcattcgc 240
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81 gggggcggtg acaagcacac gcagtctctg aggtactttg cgggcaacct ggctccggc 360
82 ggtgcggccg gcgcgacctc cctctgcttc gtgtaccgcg tggattttgc cagaaccgcg 420
83 ctggcagcgg acgtgggaaa gtcaggcaca gagcgcgagt tccgaggcct gggagactgc 480
84 ctggtgaaga tcaccaagtc cgacggcacc cggggcctgt accagggtt cagtgtctcc 540
85 gtgcagggca tcatcatcta ccgggcggcc tacttcggcg tgtacgatac ggccaagggc 600
86 atgctccccg accccaagaa cacgcacatc gtggtgagct ggatgatcgc gcagaccgtg 660
87 acggccgtgg ccggcggtgt gtcctacccc ttcgacaccg tgcggcggcg catgatgatg 720
88 cagtcggggc gcaaaggagc tgacatcatg tacacgggca ccgtcgactg ttggagggaag 780
89 atcttcagag atgagggggg caaggccttc ttcaagggtg cgtggtccaa cgtcctgcgg 840
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94 <212> TYPE: DNA
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
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104 <211> LENGTH: 43
105 <212> TYPE: DNA
106 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: PCR Primer
111 <400> SEQUENCE: 5
112 tatataggtg ccttagacat attttttgat ctcatcatc aac 43
114 <210> SEQ ID NO: 6
115 <211> LENGTH: 43
116 <212> TYPE: DNA
117 <213> ORGANISM: Artificial Sequence
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119 <220> FEATURE:
120 <223> OTHER INFORMATION: PCR Primer
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126 <211> LENGTH: 43
127 <212> TYPE: DNA
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: PCR Primer
133 <400> SEQUENCE: 7
134 tatataggta ccttatgtgt acttcttgat ttcatcatac aag 43
136 <210> SEQ ID NO: 8
137 <211> LENGTH: 43
138 <212> TYPE: DNA
139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: PCR Primer
144 <400> SEQUENCE: 8
145 ttatatctcg agtatgacgg aacaggccat ctcccttcgcc aaa 43
147 <210> SEQ ID NO: 9
148 <211> LENGTH: 44
149 <212> TYPE: DNA
150 <213> ORGANISM: Artificial Sequence
152 <220> FEATURE:
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155 <400> SEQUENCE: 9
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158 <210> SEQ ID NO: 10
159 <211> LENGTH: 21
160 <212> TYPE: DNA
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Sequence primer
166 <400> SEQUENCE: 10
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169 <210> SEQ ID NO: 11
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171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Sequence primer
177 <400> SEQUENCE: 11
178 cgccaaaaca gccagct 18
180 <210> SEQ ID NO: 12
181 <211> LENGTH: 45
182 <212> TYPE: DNA
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:

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Input Set : A:\420d4.app.txt

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186 <223> OTHER INFORMATION: Mutagenic oligonucleotide primer  
188 <400> SEQUENCE: 12  
189 ggagatggcc tgttccgtca tcttatcgtc atcgctgtac agatc 45  
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193 <212> TYPE: DNA  
194 <213> ORGANISM: Artificial Sequence  
196 <220> FEATURE:  
197 <223> OTHER INFORMATION: Mutagenic oligonucleotide primer  
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203 <211> LENGTH: 35  
204 <212> TYPE: DNA  
205 <213> ORGANISM: Artificial Sequence  
207 <220> FEATURE:  
208 <223> OTHER INFORMATION: PCR primer  
210 <400> SEQUENCE: 14  
211 cccggggaat tctgatgacg gaacaggcca tctcc 35  
213 <210> SEQ ID NO: 15  
214 <211> LENGTH: 34  
215 <212> TYPE: DNA  
216 <213> ORGANISM: Artificial Sequence  
218 <220> FEATURE:  
219 <223> OTHER INFORMATION: PCR primer  
221 <400> SEQUENCE: 15  
222 cccgggctcg agttagagtc accttcttga gctc 34  
224 <210> SEQ ID NO: 16  
225 <211> LENGTH: 41  
226 <212> TYPE: DNA  
227 <213> ORGANISM: Artificial Sequence  
229 <220> FEATURE:  
230 <223> OTHER INFORMATION: PCR primer  
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233 ttataggatc catgacggaa caggccatct ccttcgccaa a 41  
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236 <211> LENGTH: 41  
237 <212> TYPE: DNA  
238 <213> ORGANISM: Artificial Sequence  
240 <220> FEATURE:  
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243 <400> SEQUENCE: 17  
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246 <210> SEQ ID NO: 18  
247 <211> LENGTH: 18  
248 <212> TYPE: DNA  
249 <213> ORGANISM: Artificial Sequence  
251 <220> FEATURE:  
252 <223> OTHER INFORMATION: Sequencing primer

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Input Set : A:\420d4.app.txt

Output Set: N:\CRF3\04052001\I811094.raw

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257 <210> SEQ ID NO: 19  
258 <211> LENGTH: 18  
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262 <220> FEATURE:  
263 <223> OTHER INFORMATION: Sequencing primer  
265 <400> SEQUENCE: 19  
266 acttcaagga gaatttcc 18  
268 <210> SEQ ID NO: 20  
269 <211> LENGTH: 18  
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271 <213> ORGANISM: Artificial Sequence  
273 <220> FEATURE:  
274 <223> OTHER INFORMATION: Sequencing primer  
276 <400> SEQUENCE: 20  
277 acttcgcctt cacggata 18  
279 <210> SEQ ID NO: 21  
280 <211> LENGTH: 18  
281 <212> TYPE: DNA  
282 <213> ORGANISM: Artificial Sequence  
284 <220> FEATURE:  
285 <223> OTHER INFORMATION: Sequencing primer  
287 <400> SEQUENCE: 21  
288 tacggccaag ggcattct 18  
290 <210> SEQ ID NO: 22  
291 <211> LENGTH: 18  
292 <212> TYPE: DNA  
293 <213> ORGANISM: Artificial Sequence  
295 <220> FEATURE:  
296 <223> OTHER INFORMATION: Sequencing primer  
298 <400> SEQUENCE: 22  
299 tgaagcggaa gttcctat 18  
301 <210> SEQ ID NO: 23  
302 <211> LENGTH: 18  
303 <212> TYPE: DNA  
304 <213> ORGANISM: Artificial Sequence  
306 <220> FEATURE:  
307 <223> OTHER INFORMATION: Sequencing primer  
309 <400> SEQUENCE: 23  
310 atgccggttc ccgtacga 18  
312 <210> SEQ ID NO: 24  
313 <211> LENGTH: 31  
314 <212> TYPE: DNA  
315 <213> ORGANISM: Artificial Sequence  
317 <220> FEATURE:  
318 <223> OTHER INFORMATION: Mutagenic oligonucleotide primer  
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/811,094

DATE: 04/05/2001

TIME: 12:07:59

Input Set : A:\420d4.app.txt

Output Set: N:\CRF3\04052001\I811094.raw

L:19 M:270 C: Current Application Number differs, Wrong Format